

COUNCIL BUSINESS

A. PH. A. COUNCIL LETTER NO. 21.

PHILADELPHIA, PA., April 4, 1916.

To the Members of the Council:

Motions No. 42 (Petition to form the Montana Branch, A. Ph. A.) and No. 43 (Additional Appropriation of \$143.98 for Printing, Postage and Stationery for 1915) have each received a majority of affirmative votes.

In Council Letter No. 18 (February 25, 1916), a tentative program for the sixty-fourth annual meeting of the American Pharmaceutical Association, to be held at Atlantic City, N. J., during the week of September 4 to 9, 1916, was submitted by the Committee on Program and suggestions invited.

The program as finally revised is now submitted, as follows:

Monday, September 4 (Labor Day):

7.30 P.M. Meeting of the Council.

Tuesday, September 5:

11.00 A.M. First General Session.
Meeting of Committee on Nominations.

Meeting of Committee on Resolutions.

2.00 P.M. Section on Education and Legislation.

Commercial Section.
Women's Section.

4.00 P.M. House of Delegates.

7.30 P.M. Meeting of the Council.

9.30 P.M. President's Reception.

Wednesday, September 6:

9.30 A.M. Second General Session.

12.30 P.M. Luncheon of College Alumni.

2.00 P.M. Section on Education and Legislation.

Section on Practical Pharmacy and Dispensing (Pharmacopœias, Formularies and Standards).

Commercial Section.

4.00 P.M. House of Delegates.

7.30 P.M. Meeting of the Council.

Joint Session of Section on Education and Legislation, A. C.-P. F. and N. A. B. P.

Thursday, September 7:

9.30 A.M. Scientific Section.

Section on Practical Pharmacy and Dispensing (Pharmacopœias, Formularies and Standards).

11.00 A.M. House of Delegates.

2.00 P.M. Scientific Section.

Section on Practical Pharmacy and Dispensing (Pharmacopœias, Formularies and Standards).

Women's Section.

7.30 P.M. Meeting of the Council (Reorganization).

Friday, September 8:

9.30 A.M. Meeting of the Council.
Historical Section.

Scientific Section.

2.00 P.M. Final General Session.

Saturday, September 9:

Sightseeing.

Do you approve the above program? This will be regarded as *Motion No. 44 (Approval of Program for 1916 Annual Meeting)*.

The Headquarters of the Association will be at the Hotel Chalfonte.

In this connection, the following information will be of interest:

The American Conference of Pharmaceutical Faculties and the National Association of Boards of Pharmacy have decided to meet in Philadelphia on Thursday, August 31st, Friday, September 1st, and Saturday, September 2nd.

The meetings of the Boards will be held on Thursday and Friday, and those of the Faculties on Friday, while on Saturday there will be a joint session of the Boards and Faculties. Additional sessions may be held

during the evenings or on Monday, if necessary. The A. C. P. F. will meet in the rooms of the Philadelphia Drug Exchange, and the N. A. B. P. in the rooms of the Philadelphia Board of Trade or other rooms of the Philadelphia Bourse Building. After adjournment, the members of these bodies will go to Atlantic City to attend the sessions of the American Pharmaceutical Association the following week.

Motion No. 45 (Election of Members).

You are requested to vote on the following applications for membership:

- No. 123. William E. Davis, Freedmen's Hospital, Washington, D. C., rec. by Wm. B. Day and J. W. England.
- No. 124. Henry George G. Lescher, 2037 North Keeler Ave., Chicago, Ill., rec. by G. L. Secord and Wm. B. Day.
- No. 125. Wilber Alexander Mahoney, Cocoa, Fla., rec. by E. A. Ruddiman and J. T. McGill.
- No. 126. Fay Harold Elliott, 21 Medford St., Medford, Mass., rec. by Theodore J. Bradley and Elie H. LaPierre.
- No. 127. Jacob Edison Good, Fourth and Bridge St., New Cumberland, Pa., rec. by Charles H. LaWall and E. Fullerton Cook.
- No. 128. Niels P. Hansen, 1617 S. 17th St., Lincoln, Neb., rec. by Edith Hindman and C. W. Johnson.
- No. 129. George Harvey Gift, 741 Grand Ave., cor. 8th St., Milwaukee, Wis., rec. by Adolph Spiegel and Henry A. Peters, M.D.
- No. 130. Joseph Jerry Pelc, 1517 S. 57th Ave., Cicero, Ill., rec. by E. N. Gathercoal and W. B. Day.
- No. 131. John Roy Keeny, Care of La. State Board of Health, New Orleans, La., rec. by Philip Asher and E. G. Eberle.
- No. 132. Ira Lee Goheen, 1014 Mississippi St., Lawrence, Kansas, rec. by L. D. Havenhill and G. N. Watson.
- No. 133. Herbert O. Baer, 12th and Chapline Sts., Wheeling, W. Va., rec. by Charles H. LaWall and M. R. LaWall.
- No. 134. Joseph M. Feder, U. S. S. New Orleans, Bremerton, Wash., rec. by Wm. B. Day and J. F. Rupert.
- No. 135. Charles Percival Datz, 474 E. 41st St., Chicago, Ill., rec. by Wm. B. Day and E. N. Gathercoal.
- No. 136. Alan W. Jacks, 4800 Washington Blvd., Chicago, Ill., rec. by Wm. B. Day and E. N. Gathercoal.
- No. 137. Anthony Kartanas, 3343 Lowe Ave., Chicago, Ill., rec. by Wm. B. Day and E. N. Gathercoal.
- No. 138. Israel Mawrence, 4914 Forestville Ave., Chicago, Ill., rec. by Wm. B. Day and E. N. Gathercoal.
- No. 139. Maurice William Sheehy, Ph. G., National Military Hospital, Dayton, Ohio, rec. by J. H. Beal and J. W. England.
- No. 140. James Francis Bradley, 1443 Ogden Ave., Chicago, Ill., rec. by Wm. B. Day and E. N. Gathercoal.
- No. 141. Miss Piedad Nogueira y Ortiz, 38 Merced St., Havana, Cuba, rec. by Jose Guillermo Diaz and Jose P. Alacan.
- No. 142. Miss Elisa M. Fortim, 11 Obrapia St. (altos) Havana, Cuba, rec. by Jose Guillermo Diaz and Jose P. Alacan.
- No. 143. Miss Luisa Calonge y Falcon, 282 moderno Neptimo St., Havana, Cuba, rec. by Jose Guillermo Diaz and Jose P. Alacan.
- No. 144. Joseph Poczcos, 301 Hancock Ave., Bridgeport, Conn., rec. by Wm. B. Day and J. W. England.
- No. 145. Harry Gasen, 74 E. 12th St., Chicago, Ill., rec. by Wm. B. Day and E. N. Gathercoal.
- No. 146. Harry Benjamin Sanders, 2357 Kenilworth Ave., Norwood, Ohio, rec. by Louis Heister and Theo. D. Wetterstroem.
- No. 147. Benjamin Hoyer, 1122 Central Ave., Newport, Ky., rec. by Louis Heister and Theo. D. Wetterstroem.

- No. 148. John Edward Mace, 168 Duane St., New York, N. Y., rec. by Frank L. McCartney and Caswell A. Mayo.
- No. 149. William Peter McNulty, 21 Gold St., Norwich, N. Y., rec. by Turner F. Currents and Frank L. McCartney.
- No. 150. Florentino F. Garcia, 100 William St., New York, N. Y., rec. by Frank L. McCartney and Jeannot Hostmann.
- No. 151. H. Rolff Planten, 93 Henry St., Brooklyn, N. Y., rec. by Turner F. Currents and Frank L. McCartney.
- No. 152. George R. Tompkins, Hudson and Vestry Sts., New York, N. Y., rec. by Frank L. McCartney and Jeannot Hostmann.
- No. 153. Burton T. Bush, 18-20 Platt St., New York, N. Y., rec. by Frank L. McCartney and W. B. Day.
- No. 154. David John McMullin, Hospital Steward, U. S. Navy, Pago Pago, Tutuila, American Samoa, rec. by Wm. B. Day and J. F. Rupert.
- No. 155. Lester Earl Auger, Hospital Steward, U. S. Navy, U. S. S. Hannibal, Care of Postmaster, New York, N. Y., rec. by Wm. B. Day and J. F. Rupert.

J. W. ENGLAND,
Secretary of the Council.

415 N. 33rd St., Philadelphia, Pa.

A. P. H. A. COUNCIL LETTER NO. 22.

PHILADELPHIA, PA., April 25, 1916.

To the Members of the Council:

Motions No. 44 (Approval of Program for 1916 Annual Meeting) and No. 45 (Election of Members; Applications Nos. 123 to 155 inclusive) have each received a majority of affirmative votes.

The following communication has been received (April 22) from Francis E. Bibbins, of Indianapolis:

COUNCIL OF THE AMERICAN PHARMACEUTICAL ASSOCIATION:

We, the undersigned members of the American Pharmaceutical Association, hereby petition the Council to authorize the formation of a local branch consisting of the mem-

bers of the American Pharmaceutical Association residing in Indiana within a radius of eighty-five miles of Indianapolis, to be known as the Indianapolis Branch of the American Pharmaceutical Association.

J. G. Mueller, Indianapolis.
Frank H. Carter, Indianapolis.
H. L. Parmelee, Indianapolis.
Chas. W. Watkins, Indianapolis.
John S. Wright, Indianapolis.
Woods A. Caperton, Indianapolis.
E. G. Eberhardt, Indianapolis.
Theo. Zimmerman, Terre Haute.
H. W. S. Carter, Indianapolis.
Maurice P. Schwartz, Indianapolis.
Frank R. Eldred, Indianapolis.
Eric Leth, Indianapolis.
Francis A. Federer, Indianapolis.
William C. Bartholomew, Indianapolis.
Josiah Kirby Lilly, Jr., Indianapolis.
Ralph M. Reahard, Indianapolis.
Murry K. Pruyne, Indianapolis.
H. W. Rhodehamel, Indianapolis.
C. M. Warner, Indianapolis.
August Kassulke, Indianapolis.
Chas. R. Eckler, Indianapolis.
Edwin W. May, Martinsville.
Ralph W. Showalter, Indianapolis.
Fred A. Miller, Indianapolis.
Robert P. B. Lodall, Indianapolis.
Chas. J. Lynn, Indianapolis.
Francis E. Bibbins, Indianapolis.
Albert D. Thorburn, Indianapolis.
W. F. Gidley, Lafayette.
M. E. Parker, Indianapolis.
Eli Lilly, Indianapolis.
Josiah K. Lilly, Indianapolis.
Henry J. Huder, Indianapolis.
Howard R. Davis, Indianapolis.
Arthur E. Denison, Terre Haute.
Indianapolis, April 19, 1916.

Do you favor granting the above petition? It will be known as *Motion No. 46 (Petition to Form Indianapolis Branch, A. Ph. A.)*.

Motion No. 47 (Election of Members). You are requested to vote on the following applications for membership:

- No. 156. Paula Coll, Compostela No. 170, Havana, Cuba, rec. by Jose Guillerme Diaz and Jose P. Alacan.
- No. 157. Nathan Zonies, 29th and Diamond Sts., Philadelphia, Pa., rec. by Charles H. LaWall and E. Fullerton Cook.

- No. 158. Miss Antonia M. Garrigo, 1 Altarriba St., Havana, Cuba, rec. by Jose Guillermo Diaz and Jose P. Alacan.
- No. 159. Otto E. Betz, S. E. Cor. Erie Ave. and Edwards Road, Cincinnati, Ohio, rec. by Clyde M. Snow and Wm. B. Day.
- No. 160. Amos Bissell, Care of Essex Varnish Co., Newark, N. J., rec. by Charles Holzhauser and J. W. England.
- No. 161. Ralph McDonnell Reahard, 3339 Ruckle St., Indianapolis, Ind., rec. by Frank R. Eldred and Francis E. Bibbins.
- No. 162. Josiah Kirby Lilly, Jr., 1704 N. Pennsylvania St., Indianapolis, Ind., rec. by Francis E. Bibbins and Frank R. Eldred.
- No. 163. Harold L. Parmelee, Y. M. C. A., Room No. 74, Indianapolis, Ind., rec. by Francis E. Bibbins and Frank R. Eldred.
- No. 164. Howard R. Davis, 3812 Graceland Ave., Indianapolis, Ind., rec. by Frank R. Eldred and Francis E. Bibbins.
- No. 165. Cortice M. Warner, 4357 N. Penn. St., Indianapolis, Ind., rec. by F. R. Eldred and Wm. B. Day.
- No. 166. Eric Gunnar Leth, 820 N. East St., Indianapolis, Ind., rec. by Francis E. Bibbins and Frank R. Eldred.
- No. 167. Woods A. Caperton, Care of Eli Lilly and Co., Indianapolis, Ind., rec. by Frank R. Eldred and Francis E. Bibbins.
- No. 168. Ralph R. Thoroman, Mt. Sterling, Ill., rec. by W. B. Day and E. N. Gathercoal.
- No. 169. Robert A. Schulz, 1774 Baltimore Ave., Cincinnati, Ohio, rec. by William C. Alpers and Eugene R. Selzer.
- No. 170. John Shepard Wright, 3718 North Pennsylvania St., Indianapolis, Ind., rec. by Wm. C. Bartholomew and Frank R. Eldred.
- No. 171. Frank Bolte, 1539 Baymiller St., Cincinnati, Ohio, rec. by Frank H. Freericks and Theo. D. Wetterstroem.
- No. 172. Robert C. Pursell, 280 Pearl St., New York, N. Y., rec. by Frank L. McCartney and Geo. T. Riefflin.
- No. 173. Zachary Joshua Loussac, 107 Front St., Juneau, Alaska, rec. by Geo. C. Diekman and Curt P. Wimmer.
- No. 174. Charles Thomas Larkins, 105 East Sixth St., East Liverpool, Ohio, rec. by William C. Alpers and Eugene R. Selzer.
- No. 175. Julius Kramer, 723 Ninth Ave., New York, N. Y., rec. by Leo H. Fried and Jeannot Hostmann.
- No. 176. Joseph Albert Wolfe, 410 Chestnut St., Philadelphia, Pa., rec. by Charles H. LaWall and M. R. LaWall.
- No. 177. Eugene James Cardarelli, 99 Wilson St., Brooklyn, N. Y., rec. by Frank L. McCartney and Jeannot Hostmann.
- No. 178. Irwin Leonard Betzel, Corvallis, Oregon, rec. by Adolph Zieffe and M. J. Seeley.
- No. 179. Lewis Nathan Brown, 115 W. 68th St., New York, N. Y., rec. by Geo. C. Diekman and Curt P. Wimmer.
- No. 180. Harley Wesley Rhodehamel, 643 E. 32nd St., Indianapolis, Ind., rec. by M. K. Pruyn and Frank R. Eldred.
- No. 181. Wm. J. Mooney, 101 S. Meridian St., Indianapolis, Ind., rec. by Francis E. Bibbins and Wm. C. Bartholomew.
- No. 182. Lucius P. Brown, 137 Davis Ave., West New Brighton, Staten Island, N. Y., rec. by Otto Raubenheimer and Jeannot Hostmann.
- No. 183. Ferdinand A. Mueller, S. W. Cor. Washington and East Sts., Indianapolis, Ind., rec. by Clyde M. Snow and August Kassulke.
- No. 184. Brandegee Douglas, Hospital Steward, U. S. N., U. S. S. Scorpion, Care of Postmaster, New York, N. Y., rec. by Wm. B. Day and J. F. Rupert.
- No. 185. Mortimer Bye, 2621 Sutherland Ave., Indianapolis, Ind., rec. by Francis E. Bibbins and Chas. R. Eckler.

J. W. ENGLAND,
Secretary of the Council.

415 N. 33rd St., Philadelphia, Pa.

A. PH. A. COUNCIL LETTER NO. 23.

PHILADELPHIA, Pa., May 12, 1916.

To the Members of the Council:

Motions No. 46 (Petition to Form Indianapolis Branch, A. Ph. A.) and No. 47 (Election of Members; Applications Nos. 156 to 185 inclusive) have each received a majority of affirmative votes.

On December 16, 1915, the Council adopted the following motion (C. L. No. 13, 47, motion No. 20): "We request our Finance Committee, with a special committee of five members to be appointed by the Chairman of the Council, to make a special study of the available assets and current expenses of the Association and see what suggestions they can make regarding the improving of the financial status of the Association."

Chairman E. G. Eberle wishes to state that: "In compliance with the vote of the Council, I have named the following on the Special Finance Committee: H. B. Mason, Detroit; F. W. Sultan, St. Louis; H. C. Christensen, Chicago; George M. Beringer, Camden, N. J.; S. L. Hilton, Washington, D. C."

Motion No. 48 (Election of Members). You are requested to vote on the following applications for membership:

- No. 186. E. Grace Hoffman, 13th and Linden Sts., Allentown, Pa., rec. by Charles H. LaWall and J. W. England.
- No. 187. Alberto Roldan Ramirez, Farmacia El Globo, David, Chg. Rep. of Panama, rec. by Bolivar Jurado and J. V. Delgado.
- No. 188. John Edward Seybert, Care of Eli Lilly and Co., Indianapolis, Ind., rec. by Wm. C. Bartholomew and Francis E. Bibbins.
- No. 189. F. William Stockhaus, 2082 Fulton Road, Cleveland, Ohio, rec. by William C. Alpers and Eugene R. Selzer.
- No. 190. Robert Lee Greenwood, 309 S. Hamilton St., Chicago, Ill., rec. by Wm. B. Day and E. N. Gathercoal.
- No. 191. William Beckman, Ph.G., Chatsworth, Ill., rec. by William Gray and William B. Day.
- No. 192. Robie Rolland Weaver, Ph.G., 1615 S. Penn. St., Muncie, Ind., rec. by Clyde M. Snow and Wm. B. Day.
- No. 193. Chas. W. Westenfelder, 37 E. Main St., Springfield, Ohio, rec. by William C. Alpers and Eugene R. Selzer.
- No. 194. Chas. E. Lawson, 1117 Ewing St., Indianapolis, Ind., rec. by Francis E. Bibbins and W. C. Bartholomew.
- No. 195. Frank William Graham, Ph.G., 518 N. Side Square, Carlinville, Ill., rec. by A. H. Clark and Wm. B. Day.
- No. 196. Miss Agnes Duvoisin, Baltimore Ave. and Maple Terrace, Clifton Heights, Pa., rec. by Charles H. LaWall and M. R. LaWall.
- No. 197. Hugh C. Russell, 3428 Clybourn St., Milwaukee, Wis., rec. by C. W. Johnson and A. W. Linton.
- No. 198. Edward Sehl, 117 W. High St., New Philadelphia, Ohio, rec. by William C. Alpers and Eugene R. Selzer.
- No. 199. William P. Jenkins, 5th and Ludlow Sts., Dayton, Ohio, rec. by William C. Alpers and Eugene R. Selzer.
- No. 200. Horace John Megin, U. S. Naval Magazine, Portsmouth, Va., rec. by Wm. B. Day and J. F. Rupert.
- No. 201. William Everett Smith, 307 Main St., Moscow, Idaho, rec. by Wm. B. Day and J. W. England.

J. W. ENGLAND,
Secretary of the Council.

415 N. 33rd St., Philadelphia, Pa.

A. PH. A. COUNCIL LETTER NO. 24.

PHILADELPHIA, Pa., May 22, 1916.

To the Members of the Council:

Motion No. 48 (Election of Members; Applications Nos. 186 to 201 inclusive) has received a majority of affirmative votes.

Motion No. 49 (Election of Members). You are requested to vote on the following applications for membership:

- No. 202. Emil Starz, 21 W. 6th Ave., Helena, Mont., rec. by Chas. E. Mollet and Alex. F. Peterson.
- No. 203. Frank Barabini, 97 Lexington Ave., New York, N. Y., rec. by G. Horstmann and Jacob Diner.

- No. 204. Abraham Blank, 432 E. 79th St., New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 205. Benjamin Bratter, 1204 Evergreen Ave., Bronx, New York, N. Y., rec. by Gustave Horstmann and Jacob Diner.
- No. 206. Max J. Breitenbach, 53 Warren St., New York, N. Y., rec. by Frank L. McCartney and Geo. Riefflein.
- No. 207. Philip J. Breivogel, 2134 LaFontaine Ave., New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 208. Henry S. Cohen, 2142 Hughes Ave., New York, N. Y., rec. by G. Horstman and Jacob Diner.
- No. 209. Morris Cohen, 2400 Seventh Ave., New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 210. Frank S. Connelly, 7 Delta Place, Goshen, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 211. Reginald Edgar Dyer, 81 Fulton St., New York, N. Y., rec. by Romain Pierson and Frank L. McCartney.
- No. 212. John B. Fiorillo, 304 W. 149th St., New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 213. Edward Fox, 329 E. 152nd St., New York, N. Y., rec. by Gustave Horstmann and Jacob Diner.
- No. 214. Harold Friedman, 435 Palisade Ave., Jersey City, N. J., rec. by G. Horstmann and Jacob Diner.
- No. 215. Solomon Friedman, 62 Rivington St., New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 216. George Peter Gakidis, Ph.G., 779 Tremont St., Boston, Mass., rec. by Theodore J. Bradley and John G. Godding.
- No. 217. Henry N. Garfield, 1055 Bergen St., Brooklyn, N. Y., rec. by Turner Fee Currens and Frank L. McCartney.
- No. 218. Isidor Ganbarg, 21 E. 105th St., New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 219. Nathan Glazer, 1246 Second Ave., New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 220. Charles P. Grimm, 671 Courtland Ave., New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 221. Oscar Gudis, 94 Rivington St., New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 222. Theophile C. Kaminski, 214 33rd St., Brooklyn, N. Y., rec. by Gustave Horstmann and Jacob Diner.
- No. 223. Maurice Klein, 1310 Brook Ave., New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 224. Louis Krasnow, 167 Havemeyer St., Brooklyn, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 225. Otto H. Kuhn, 1071 Franklin Ave., New York, N. Y., rec. by Gustave Horstmann and Jacob Diner.
- No. 226. Edward E. LoPorto, 503 W. 52nd St., New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 227. Truman A. Linck, 904 Grand Ave., Kansas City, Mo., rec. by H. V. Army and Jeannot Hostmann.
- No. 228. Samuel D. Lippin, 30 West 116th St., New York, N. Y., rec. by G. Horstmann and J. Diner.
- No. 229. Charles J. McCloskey, 351 Montgomery St., Jersey City, N. J., rec. by Luke C. Hines and John C. Gallagher.
- No. 230. William Morris, 319 E. 9th St., New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 231. Harry Neretin, 1381 Franklin Ave., New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 232. Joseph John Nolen, 420 Britton Ave., Concord, S. I., N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 233. Armando Paganelli, 960 E. 179th St., New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 234. Arthur Petretti, 557 Fordham Road, New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 235. David Soskin, 595 Beech Terrace, New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 236. Samuel M. Schulsinger, 2203 Belmont Ave., New York, N. Y., rec. by G. Horstmann and Jacob Diner.

- No. 237. Isaac K. Sellman, 4321 Third Ave., New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 238. Joseph Anthony Solano, 26 S. 12th Ave., Mt. Vernon, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 239. Charles V. Sparhawk, 278 Pearl St., New York, N. Y., rec. by Frank L. McCartney and Caswell A. Mayo.
- No. 240. Ernst Stauffen, 41 John St., New York, N. Y., rec. by Frank L. McCartney and Caswell A. Mayo.
- No. 241. Gustave Alfred Sticht, 752 Flushing Ave., Brooklyn, N. Y., rec. by Frank L. McCartney and C. A. Mayo.
- No. 242. David R. Uran, 52 West 119th St., New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 243. August A. Wasserscheid, 30 and 32 Platt St., New York, N. Y., rec. by Frank L. McCartney and Caswell A. Mayo.
- No. 244. William Weinar, 122 S. First St., Mt. Vernon, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 245. Franklin B. Yates, 159 Leonard St., New York, N. Y., rec. by Frank L. McCartney and Geo. T. Reiffen.
- No. 246. Isidore Zeiger, 22 E. 112th St., Care of Tannenbaum, New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 247. Edward F. Chronik, 819 E. 163rd St., New York, N. Y., rec. by G. Horstmann and Jacob Diner.
- No. 248. Norma C. Hawley, Butterworth Hospital, Grand Rapids, Mich., rec. by Anna G. Bagley and Bertha Ott.
- No. 249. Howard Jonathan Koch, 1020 Turner St., Allentown, Pa., rec. by Charles H. LaWall and M. R. LaWall.

J. W. ENGLAND,
Secretary of the Council.

415 N. 33rd St., Philadelphia, Pa.

CONSERVATION OF WASTE PAPER.

Everyone will have discovered that paper is advancing in price day by day. Dean Albert W. Smith, Sibley College, Cornell University, says that when paper scarcity is threatened the following facts should be considered:

Waste paper may be burned or turned over to the ragman; but there is a very important economic difference between these two methods of disposal.

The paper that the ragman receives eventually reaches the paper mills and is worked over; thus waste may become available again as new stock in a very short time—a few weeks or even less. It is true that paper with printer's ink on it cannot be worked over into new white stock; but it can be used to produce wrapping paper, and this releases an equivalent amount of pulp for production of white stock.

If the paper is burned the carbon that it contains combines with atmospheric oxygen to form gaseous carbon dioxide which is diffused through the atmosphere. This carbon, or its equivalent, can only become available again for paper through the slow process of plant growth, requiring many months or perhaps years.

Briefly, the process is as follows: Energy

in the form of light and heat from the sun comes to the growing parts of plants, which are thereby enabled to separate the carbon and oxygen of carbon dioxide of the atmosphere; the oxygen is turned back into the air, and the carbon is stored in the plant fibre together with oxygen and hydrogen from the water supplied for irrigation. The plant fibre is cellulose ($C_6H_{10}O_5$), and paper consists of very fine fibres of cellulose interwoven and formed into a thin web. The whole object of the pulp and paper making process is to change raw plant fibre into paper.

In the case of linen paper the source is the fibre of flax, which is first made into linen cloth; when this through use becomes rags it is made into paper. Flax matures in one season, but the interval between the maturing of flax and the production of linen paper may be several years. Hence all linen paper should be saved and started toward the paper mill.

The same reasoning applies to paper made from cotton fibre.

The paper made from wood-pulp has its source usually in the trunks and branches of spruce trees, and several years of growth are required to prepare a tree for the pulp mill; hence no wood-pulp paper should be burned.